

# DNSSEC IMPLEMENTATION

The following procedure is used to perform DNSSEC validation:

1. First we validate the KSK of the child.
  - a. First we query the parent for DS records.
  - b. Then query child for KSK.
  - c. We hash the KSK and validate against DS.
2. We query the child for input rdtype records with dnssec flag enabled. And then query for DNSKEY records. DNSKEY record consists of ZSK and KSK
3. Then we validate the ZSK using the KSK.
4. Now we validate the RRSET records using the validated ZSK.